
Subject: Re: Data type detection
Posted by [Rick Towler](#) on Wed, 04 Sep 2002 23:43:47 GMT
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type = size(variable, /type)

see help on the SIZE function for the type codes.

-Rick

"Asti Bhatt" <astib@cc.usu.edu> wrote in message
news:9e922196.0209041532.42fa4483@posting.google.com...
> Hi,
>
> Greetings. I need to detect data type of particular variable in my
> program. i.e. something like - if datatype of x equals integer then
> ...
> I couldn't find anything for it. Does anybody know the way to do such
> thing ?
>
> Thank you,
> Asti

Subject: Re: Data type detection
Posted by [R.Bauer](#) on Thu, 05 Sep 2002 20:18:20 GMT
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Rick Towler wrote:

> type = size(variable, /type)
>
> see help on the SIZE function for the type codes.
>
> -Rick

In addition of this we have developed a routine is_type

if is_type(var,'STRING') then

to determine if a string is a valid number we are using
the routine is_number

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/is_type.tar.gz
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/is_number.tar.gz

or as idl5.5 binary

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/is_type.sav
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/is_number.sav

For further routines and licensing please have a look at
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

regards

Reimar

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>
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```

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--
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
http://www.fz-juelich.de/icg/icg-i/
```

```
=====
a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl\_icglib/idl\_lib\_intro.html
```
